

Message Text

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ACTION EB-08

INFO OCT-01 EUR-12 ISO-00 DODE-00 NSAE-00 TRSE-00
ERDA-05 CIAE-00 COME-00 USIE-00 ERDE-00 SSO-00
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-----100673 291638Z /50

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FM AMEMBASSY PARIS
TO SECSTATE WASHDC IMMEDIATE 7749
INFO AMEMBASSY ROME

C O N F I D E N T I A L PARIS 25020

USOECD

EXCON

E.O. 11652: XGDS1
TAGS: ESTC COCOM IT RO
SUBJ: ITALIAN MOS TECHNOLOGY TO ROMANIA - IL 1355

REF: A) COCOM DOC (77) 140.9, B) PARIS 18346,
C) PARIS 21163, D) STATE 181329, E) COCOM DOC
(77) 140.19, F) PARIS 23187, G) ROME 13913.

1. ITALIAN DEL HAS INFORMED USDEL THAT HIS AUTHORITIES
ARE QUITE ANXIOUS TO OBTAIN COCOM APPROVAL FOR THIS
REVISED REQUEST. HIS AUTHORITIES HAVE THEREFORE
INSTRUCTED HIM TO INDICATE THE FOLLOWING ADDITIONAL
INFORMATION AND MODIFICATIONS:

"1. THE CHIPS TO BE SUPPLIED WILL BE COMPLETELY
DIFFUSED, TESTED AND SHIPPED BY THE ITALIAN FIRM WHICH
WILL HAVE FULL CONTROL OVER THE ASSEMBLED DEVICES.
REGULAR INSPECTIONS WILL BE MADE OF THE ASSEMBLING AND
TESTING LINES AS WELL AS OF INVENTORIES FOR THREE YEARS
STARTING FROM COMMENCEMENT OF PRODUCTION IN ORDER TO
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CONTROL THE NUMBER OF TOTAL DEVICES PRODUCED.

"2. THE ITALIAN FIRM HAS A COMMITMENT FROM ROMANIA
THAT ALL DEVICES WILL BE USED FOR INDUSTRIAL APPLICA-
TIONS ONLY--IE DESK CALCULATORS, BILLING MACHINES,
TELEPHONE SWITCHBOARDS, ETC.

"3. THE DEVICES IN WAFER FORM WILL BE 100 PERCENT TESTED BY ITALIAN FIRM BEFORE BEING SHIPPED TO ROMANIA. THE ROMANIAN COMPANY WILL ONLY PERFORM THE ASSEMBLY AND TESTING OF FINISHED PRODUCTS.

"4. SOME DEVICES IE ROMS LISTED IN COCOM DOC (77) 140.9 OF JUNE 20 ARE PREPROGRAMMED DEVICES. THE PROGRAM WILL BE WRITTEN BY THE ITALIAN FIRM AND THEN TRANSFERRED ON THE CHIP. IN SUCH A WAY THE ITALIAN FIRM WILL HAVE THE FULL CONTROL OF THE DEVICES' APPLICATION. THE M 380 SERIES INCLUDES A PREPROGRAMMED ROM. IN THIS MANNER ALSO THE ITALIAN FIRM WILL HAVE COMPLETE CONTROL OVER THE END USE OF THE MICROPROCESSOR SERIES.

"THE OTHER DEVICES LISTED IN COCOM DOC (77) 140.9 ARE SIMPLE SHIFT REGISTERS.

"THE M380 IS AN OLD AND OBSOLETE MICROPROCESSOR. IN FACT IT IS DIFFUSED IN P CHANNEL TECHNOLOGY WHILE ALL OTHER MICROPROCESSORS ON THE MARKET ARE IN N CHANNEL TECHNOLOGY. ITS CYCLE TIME IS 5 MICROSECONDS COMPARED TO LESS THAN 1.5 MICROSECONDS. IT HAS A VERY LOW POWER: INSTRUCTIONS 748 AGAINST 175 FOR THE OTHERS. IT HAS VERY LOW FLEXIBILITY BECAUSE IT CANNOT DRIVE STANDARD MEMORIES. IT HAS A LACK OF DEVELOPMENT SYSTEM I.I. EMULATORS AND CONSEQUENTLY LONGER PROJECT DEVELOPMENT.
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MENT TIME. IT HAS NO INTERRUPT OR DMA. ALL OTHER MICROPROCESSORS HAVE BOTH."

3. ITALIAN DEL INDICATED ORALLY TO USDEL THAT ITALIAN FIRM HAS NOW MODIFIED REQUEST TO MINIMUM LEVEL OF TECHNOLOGY ACCEPTABLE UNDER CONTRACT WITH ROMANIAN FIRM. ITALIAN FIRM HAS ALSO OBTAINED ROMANIAN APPROVAL FOR ALL ABOVE LISTED CONDITIONS. HE REQUESTS THAT US MAKE EVERY EFFORT TO APPROVE CASE GIVEN IMPORTANCE HIS AUTHORITIES ATTACH TO IT.

4. ITALIAN DEL ALSO STATED THAT FIRM WOULD PROVIDE NECESSARY BROCHURES ON TEST EQUIPMENT ONCE INDICATION OF US REACTION TO THESE COMMENTS AND CHANGES HAVE BEEN RECEIVED.

5. ACTION REQUESTED: US VIEWS ON REFCASE IN LIGHT OF ABOVE ITALIAN STATEMENT AND/OR FURTHER US QUESTIONS OR COMMENTS ASAP'
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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: DATA PROCESSING EQUIPMENT, EXCEPTIONS LIST
Control Number: n/a
Copy: SINGLE
Sent Date: 29-Aug-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: X1
Errors: N/A
Expiration:
Film Number: D770311-1125
Format: TEL
From: PARIS OECD PARIS
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770812/aaaaajyz.tel
Line Count: 114
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 24f65751-c288-dd11-92da-001cc4696bcc
Office: ACTION EB
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
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Previous Classification: CONFIDENTIAL
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Review Release Date: n/a
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Review Withdrawn Fields: n/a
SAS ID: 1449468
Secure: OPEN
Status: NATIVE
Subject: ITALIAN MOS TECHNOLOGY TO ROMANIA - IL 1355
TAGS: ESTC, IT, RO, COCOM
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